

Amendment to Specification

Injector body 11 has a centerline 14 which is perpendicular to a plane 15. Plane 15 intersects injector body 11 and centerline 14 at a point which preferably lies between valve seat 20 and nozzle outlets 18. In the preferred embodiment, insulator 16 is attached to the portion of the outer surface 13 of injector tip 12 which lies above plane 15 such that nozzle outlets 18 are not covered. Figure 1 also shows that an outwardly directed centerline from the nozzle outlets 18 does not intersect insulator 13. Also in the preferred embodiment, insulator 13 is ceramic and is preferably less than about three millimeters thick. The ceramic material is preferably sized and sufficiently resistant to heat transfer that valve seat 20 is not heated to or above its tempering temperature during combustion or braking.